

COASTAL IMPACT ASSISTANCE PROGRAM (CIAP)

(05-09-06)

Project Title: WEST LAKE LERY BANKLINE RESTORATION

Entity Nominating Project: Delacroix Corporation

Contact Information: Agent: Robert Schroeder and Richard G. Leonhard
C. H. Fenstermaker & Associates, Inc.
1100 Poydras Street, Suite 1550
New Orleans, Louisiana 70163
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Landowner: Mike Bengé
Delacroix Corporation
206 Decatur Street
New Orleans, Louisiana 70130
504-523-2245 (office phone)

Total CIAP Requested Funds: \$ 2,350,000

Phase 1: Shoreline Stabilization: \$ 233,334

Phase 2: Marsh Re-establishment: \$ 349,910

Phase 3: Shoreline Armament \$ 1,766,667

(Note: Cost does not include right-of-way acquisition;
landowners are amenable to provide access for project.)

Infrastructure Funds: -0-

Location: The proposed activity is located in and adjacent to Lake Lery approximately 7.0 mile east of Belle Chase, Louisiana in Plaquemines Parish. The area in question is the western shoreline of Lake Lery positioned south-southeast of the Caernarvon Freshwater Diversion Project and the Big Mar. The proposed project would be within the Caernarvon Diversion Outfall Program.

Description: The project consists of three (3) phases of which each could be done independent of the others: Phase 1 - stabilizing the western shoreline of Lake Lery using native materials, Phase 2 - re-establishing a marsh substrate (platform) west of the shoreline stabilization, Phase 3 - armoring the western shoreline.

This project has the approval of the landowners and there are no administratively or ecologically sensitive concerns in the vicinity including oyster leases. Upon funding, design and permitting this activity would be ready to commence.

- Phase 1. Stabilizing the Western Shoreline of Lake Lery:

Excavate an access 100' x 8' channel around the western shoreline of the lake between Bayou Mandeville and Marine Canal. The west bank of the channel would be positioned approximately 300' from the shoreline. The excavated material would be placed west of the channel at an elevation of + 5' NAVD with a westward descending slope to +2.5' NAVD.

- Phase 2. Re-establishing Marsh north of the Shoreline Stabilization:

The gap of open water between the spoil disposal area (spoil bank) and the existing shoreline will be hydraulically dredged with material excavated from the center of the lake. This material would be installed at an elevation conducive to the establishment of marsh and allowed to freely run westward.

- Phase 4. Shoreline Armament

Upon establishment of the earthen spoil banks along the north shoreline of Lake Lery, the exposed bank would be covered with geotextile fabric and armored.

Project Type:

The project is a conservation activity with coastal wetland restoration and protection components, which will mitigate adverse impacts to fish, wildlife and the natural resources as well as preserving the rich cultural heritage of the region.
(Project Types 1, 2 & 4)

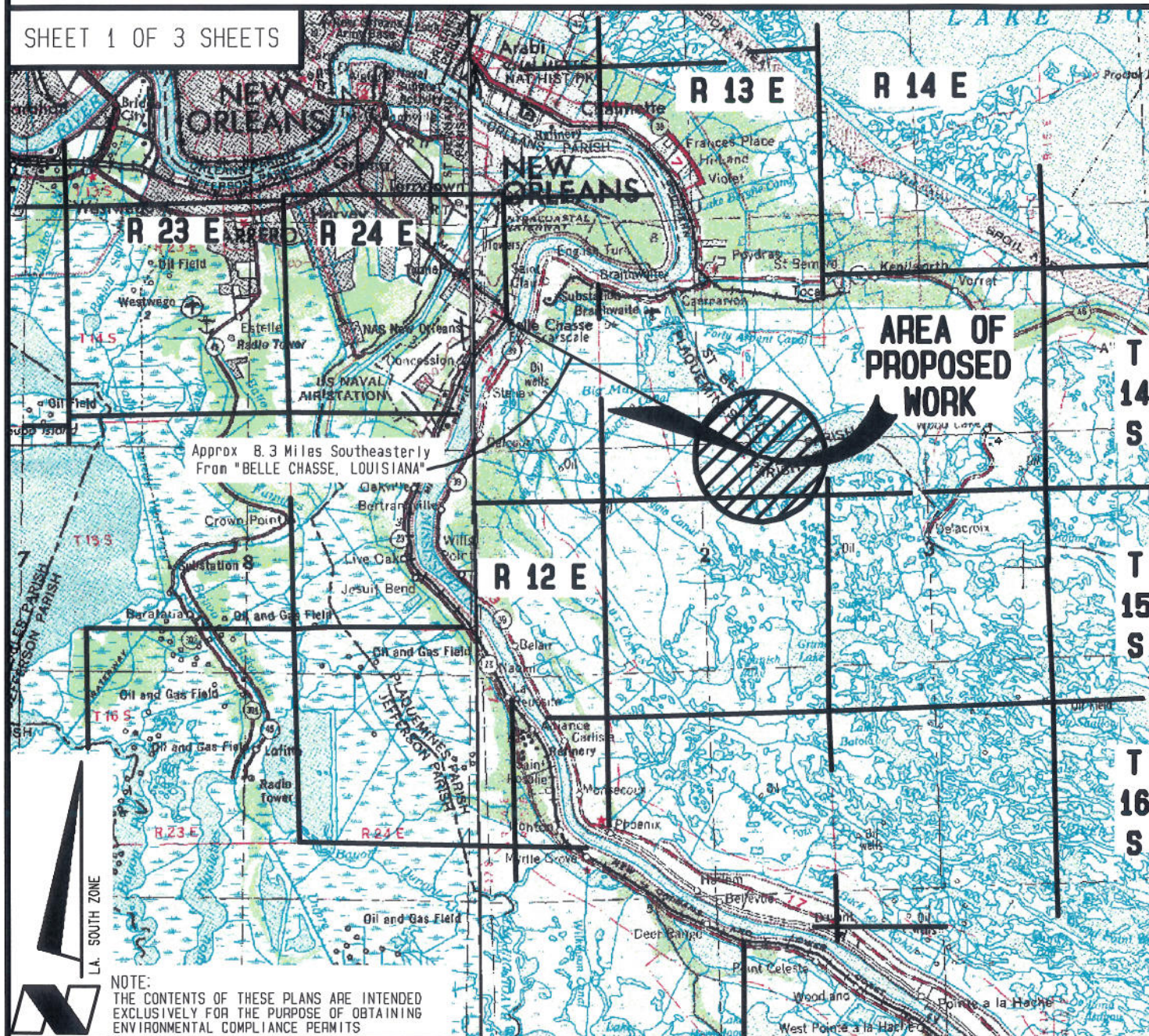
Project Justification:

The west shoreline of Lake Lery has been retreating for many years continuously exposing the easily erodible marsh to wave fetch and to tidal flushing. Coupled with sheet flow from the Caernarvon Diversion Project, this area has experienced impacts from the water pressure causing additional loss of marsh. As a result, the area continues to degrade losing significant wetland values. This project is designed to stabilize the shoreline while providing the opportunity to increase freshwater volumes from the Caernarvon Project. This project would complement and enhance the Caernarvon Diversion Outfall Program should this project be authorized. The project as designed will directly create approximately 55 acres of wetlands while protecting and enhancing an additional 14,922 acres. This project will further protect against hurricane tidal surges entering Lake Lery by establishing a well fortified shoreline protective barrier.

Project Cost Share:

-0-

SHEET 1 OF 3 SHEETS



REVISED: 04/27/06 RLL

Topography obtained from U.S. Geological Survey Map
"BRETON SOUND, LA.", 1957 Edition, Revised 1973,
& "NEW ORLEANS, LA.", 1963 Edition, Revised 1972.

VICINITY MAP

Scale: 1: 250,000

Drawn By: MKC
Proj. Mgr.: RLL

Application By:

COASTAL IMPACT ASSISTANCE PROGRAM

May 22, 2006

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PREPARED BY: C.H. Fenstermaker & Associates, Inc., Lafayette & New Orleans, Louisiana & Houston, Texas

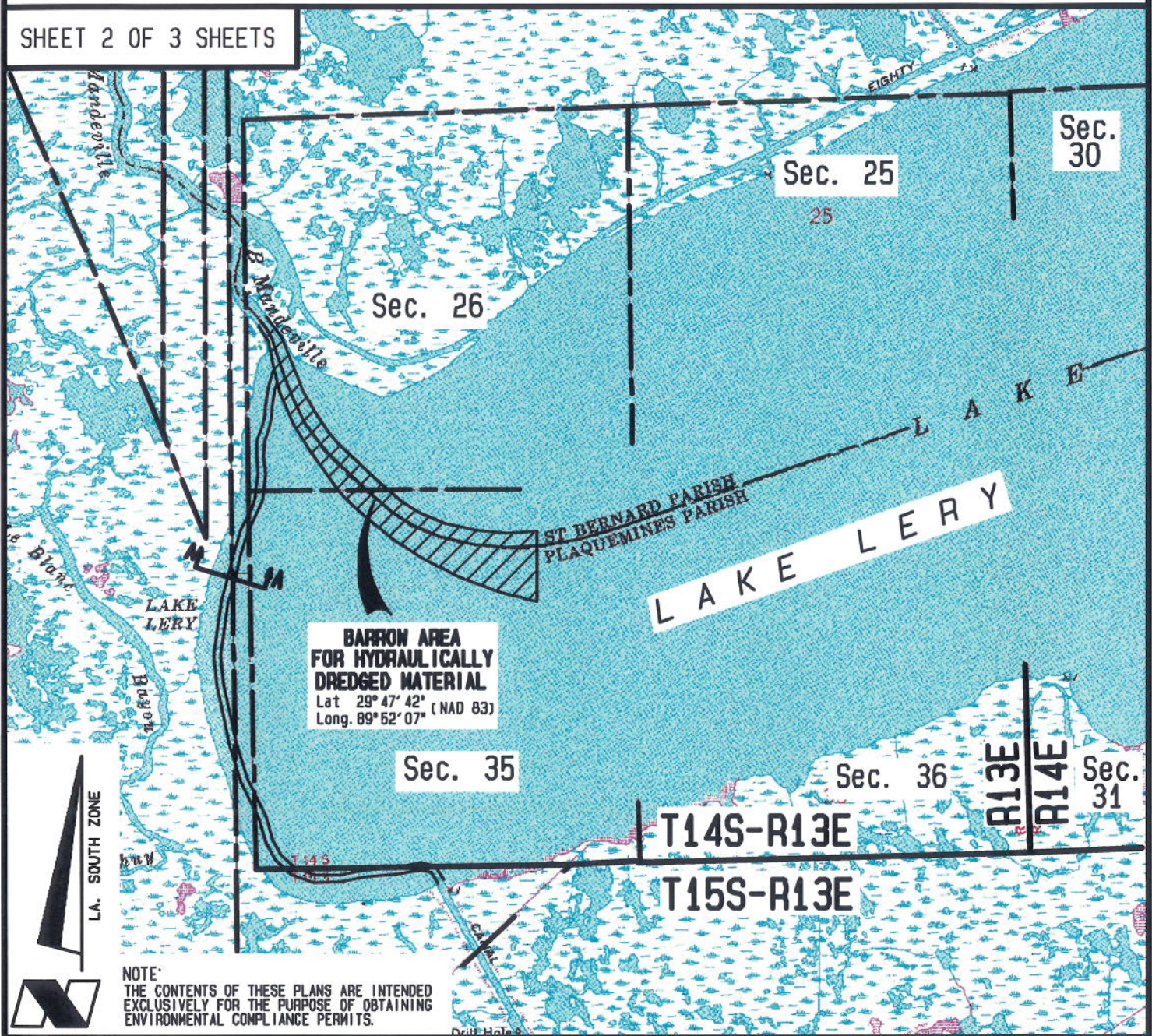
PROPOSED BANKLINE RESTORATION

Nest Lake Lory

Sections 26 & 35, T14S-R13E

Plaquemines Parish, Louisiana

SHEET 2 OF 3 SHEETS



REVISED:

Topography obtained from U.S. Geological Survey Quadrangles
"BELLE CHASSE, LA" 1966 Edition, Revised 1994 & "DELACROIX,
LA" 197 Edition, Revised 1994

VICINITY MAP

2000' 1000' 0' 2000'
Scale: 1" = 2000'

Application By:

COASTAL IMPACT ASSISTANCE PROGRAM

May 22, 2006

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PROPOSED BANKLINE RESTORATION

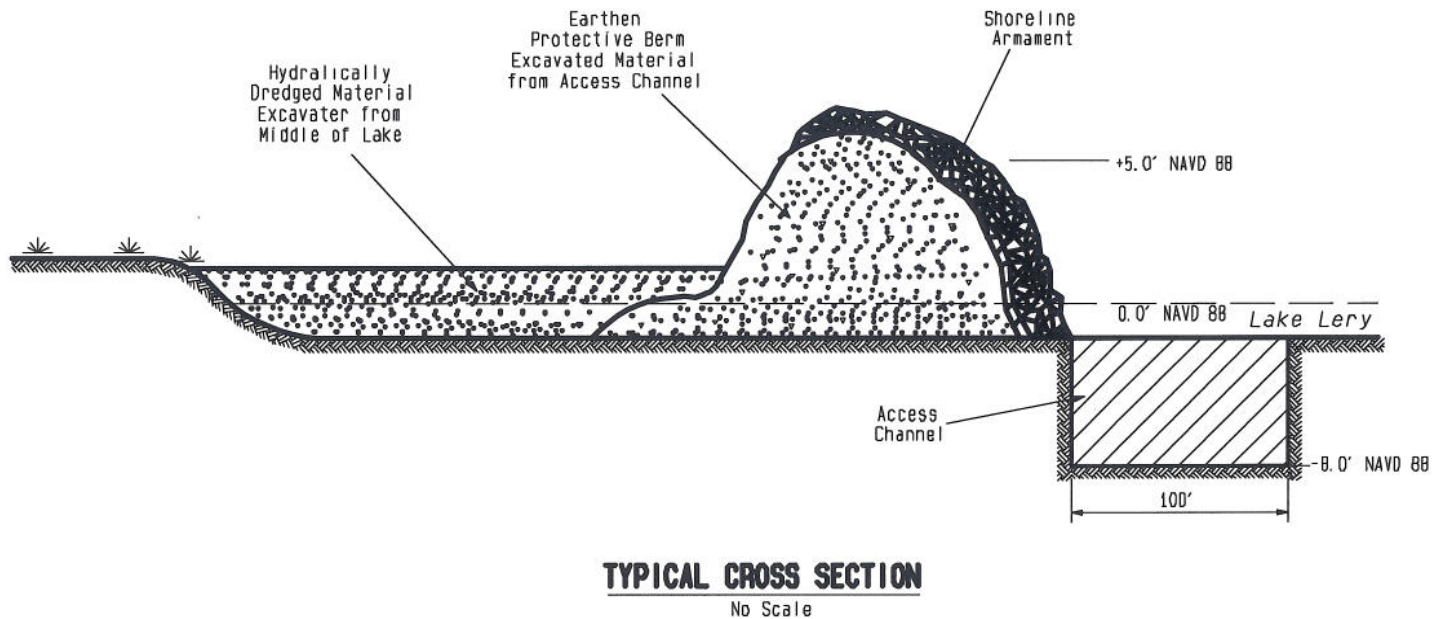
Nest Lake Lery

Sections 26 & 35, T14S-R13E

Plaquemines Parish, Louisiana

PREPARED BY: C.H. Fenstermaker & Associates, Inc., Lafayette & New Orleans, Louisiana, & Houston, Texas

SHEET 3 OF 3 SHEETS



REVISED:

NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED
EXCLUSIVELY FOR THE PURPOSE OF OBTAINING
ENVIRONMENTAL COMPLIANCE PERMITS.

Application By:
COASTAL IMPACT ASSISTANCE PROGRAM

May 22, 2006

PROPOSED BANKLINE RESTORATION

West Lake Lery

Sections 26 & 35, T14S-R13E

Plaquemines Parish, Louisiana

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